

Comparisons of Job Characteristics

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)

Associated Occupation: Craft Artists (27-1012)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

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<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 70

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)

Associated Occupation: Craft Artists (27-1012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Fine Arts	2.2	16.1	3.7	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	13.8	8.5	<<	Extensive education and/or training may be required
Design	5.2	12.7	8.4	<<	Extensive education and/or training may be required
Production and Processing	6.0	12.4	11.4	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)

Associated Occupation: Craft Artists (27-1012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operations Analysis	5.0	6.2	6.8	0	Current skill level may be sufficient
Equipment Selection	3.3	6.1	5.4	<	A higher skill level may be required
Management of Material Resources	3.7	6.0	4.9	<	A higher skill level may be required
Management of Financial Resources	3.3	5.2	4.9	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)

Associated Occupation: Craft Artists (27-1012)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Arm-Hand Steadiness	6.8	12.6	15.0	>	Current ability level is likely sufficient
Finger Dexterity	7.6	12.6	14.5	>	Current ability level is likely sufficient
Originality	7.6	12.2	7.8	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	12.0	10.4	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	11.2	7.6	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	11.0	5.9	<<	Extensive improvement in abilities may be required
Visualization	7.5	10.3	9.4	0	Current ability level may be sufficient
Visual Color Discrimination	6.4	9.2	10.1	0	Current ability level may be sufficient
Wrist-Finger Speed	3.2	6.9	5.5	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)

Associated Occupation: Craft Artists (27-1012)

Work Activities	Exclusivity of Activity
Design molds	95
Fabricate model or mold for jewelry, silverware or related products	99
Hand carve objects from stone or other materials	87
Hand engrave jewelry-related products	92
Polish jewelry, silverware or related products	92
Recognize characteristics of metals	62
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Jewelers and Precious Stone and Metal Workers (51-9071)
Associated Occupation: Craft Artists (27-1012)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.